

Please type a plus sign (+) inside this box →

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	6
-------	---	----	---

Complete If Known

Application Number	10/676,519
Filing Date	Sep 30, 2003
First Named Inventor	Ma
Group Art Unit	2621
Examiner Name	
Attorney Docket Number	MS1-1640US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code² (if known)			
/SM/		2003/0152363		Jeannin et al.	08/14/2003	
		5,442,633		Perkins et al.	08/15/1995	
		5,530,963		Moore et al.	06/25/1996	
		5,625,877		Dunn et al.	04/29/1997	
		5,642,294		Taniguchi et al.	06/24/1997	
		5,659,685		Williams et al.	08/19/1997	
		5,745,190		Ioka	04/28/1998	
		5,751,378		Chen et al.	05/12/1998	
		5,774,593		Zick et al.	06/30/1998	
		5,801,765		Gotoh et al.	09/01/1998	
		5,835,163		Liou et al.	11/10/1998	
		5,900,919		Chen et al.	05/04/1999	
		5,911,008		Niikura et al.	06/08/1999	
		5,920,360		Coleman Jr.	07/06/1999	
		5,959,697		Coleman Jr.	09/28/1999	
		5,990,980		Golin	11/23/1999	
		5,995,095		Ratakonda	11/30/1999	
		6,462,754		Chakraborty et al.	10/08/2002	
		2003/0237053		Chen et al.		

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

/Sean Motsinger/

Date Considered

03/15/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box → +

+

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete If Known	
	Application Number	10/676,519		
	Filing Date	Sep 30, 2003		
	First Named Inventor	Ma		
	Group Art Unit	2621		
	Examiner Name			
Sheet	2	of	6	Attorney Docket Number
				MS1-1640US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SM/		US Patent Application Serial Number 10/371,125 filed February 20, 2003; Inventors: Wei-Ying Ma et al., Entitled "Systems and Methods for Enhanced Image Adaptation" (Attorney Docket MS1-1406US)	
		US Patent Application Serial No 10/286,053 filed November 1, 2002; Inventors: Yu-Fei Ma et al., Entitled "Systems and Methods for Generating a Comprehensive User Attention Model" (Attorney Docket No. MS1-1278US).	
		US Patent Application Serial No. 10/286348 filed November 1, 2002; Inventors Xian-Sheng Hua et al. Entitled "Systems and Methods for Automatically Editing a Video" (Attorney Docket No. MS1-1277US).	
		US Patent Application Serial No. 10/285,933 filed November 1, 2002; Inventors Yu-Fei Ma et al.: Entitled "Systems and Methods for Generating a Motion Attention Mode" (Attorney Docket NO. MS1-1344US).	
		http://www.fatalfx.com/nomad/ "NOMAD (No More Advertising)" February 17, 2003; 4 pages.	
		CHERRY, STEVEN M.; "Pesky Home Networks Trouble Cable Behemoths" IEEE Spectrum, April 2002, pages 60-61	
		HARGROVE, THOMAS; "Logo Detection in Digital Video" Math 100, March 6, 200, http://toonarchive.com/logo-detection/ ; 9 pages.	
		HELD, GIBERT; "Focus on Agere System's Orinoco PC Card" International Journal of Network Management, May/June 2002, pages 187-193	
		JHA, UMA S.; "Wireless Landscape-Need for Seamless Connectivity" Wireless Personal Communications 2002 pages 275-283	
		LIENHART, R. et al.; "On the Detection and Recognition of Television Commercials" University of Mannheim, 17 pages.	
V		LU, LIE et al.; "A Robust Audio Classification and Segmentation Method" Microsoft Research, China, 9 pages.	

Examiner Signature	/Sean Motsinger/	Date Considered	03/15/2007
---------------------------	------------------	------------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Please type a plus sign (+) inside this box → +

+

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
Application Number		Filing Date	
	10/676,519		Sep 30, 2003
First Named Inventor		Group Art Unit	
	Ma		2621
Examiner Name		Attorney Docket Number	
			MS1-1640US
Sheet	3	of	6

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SM/		AHMAD, SUBUTAI; "VISIT: A Neural Model of Covert Visual Attention" Advances in Neural Information Processing Systems, v. 4, 1991, pgs 420-427	
		BALUJA et al.; "Expectation-Based Selective Attention for Visual Monitoring and Control of a Robot Vehicle" Robotics and Autonomous System, v.22 no.3-4, December 1997, pages 329-344	
		DENG et al.; "Peer Group Filtering and Perceptual Color Image Quantization" Proceedings of IEEE International Symposium on Circuits and Systems, Vol. 4, 1999, pages 21-24	
		JING et al.; "An Effective Region-Based Image Retrieval Framework" From ACM Multimedia, 2002, 28 pages	
		LI et al.; "Statistical Learning of Multi-View Face Detection" Proceedings of ECCV, 2002, 25 pages	
		MILANESE R. et al.; "Attentive Mechanisms for Dynamic and Static Scene Analysis" Optical Engineering, v34 no8, August 1995, pages 2428-2434	
		LU, LIE et al.; "Content Analysis for Audio Classification and Segmentation" IEEE Transactions on Speech and Audio Processing, Vol. 10 No. 7, October 2002, pages 504-516.	
		LU, LIE et al.; "Content-Based Audio Segmentation Using Support Vector Machines" IEEE, 2001, pages 956-959.	
		SADLER, DAVID A.; "Automatic TV Advertisement Detection from MPEG Bitstream" Centre for Digital Video Processing/Research Institute for Network & Communication Eng., Dublin City University, 12 pages.	
		SANCHEZ, JUAN MARIA; "AudiCom: A Video Analysis System for Auditing Commercial Broadcasts" Computer Vision Center Departament d'Informatica Universitat Autònoma de Barcelona, 5 pages.	
V		ZABIH, RAMIN; "A Feature-Based Algorithm for Detecting and Classifying Scene Breaks" Computer Science Department, Cornell University, 16 pages.	

Examiner Signature	/Sean Motsinger/	Date Considered	03/15/2007
--------------------	------------------	-----------------	------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Please type a plus sign (+) inside this box → +

+

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
Sheet 4 of 6		Application Number 10/676,519	Filing Date Sep 30, 2003
		First Named Inventor Ma	Group Art Unit 2621
		Examiner Name	Attorney Docket Number MS1-1640US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SM/		O'TOOLE, COLIN et al.; "Evaluation of Automatic Shot Boundary Detection on a Large Video Test Suite" School of Computer Applications & School of Electronic Engineering, Dublin City University, Glasnevin Dublin Ireland Challenge of Image Retrieval, Newcastle, 1999, pp.1-12.	
		ITTI et al.; "Computational Modelling of Visual Attention" Nature Reviews/Neuroscience, Vol. 2, March 2001, pp. 1-11.	
		ITTI et al.; "A Comparison of Feature Combination Strategies for Saliency-Based Visual Attention Systems" Proc. of SPIE Human Vision and Electronic Imaging IV (HVEI'99), San Jose CA, Vol. 3644, Jan 1999, pp. 473-82	
		ITTI et al.; "A Model of Saliency-based Visual Attention for Rapid Scene Analysis" IEEE Trans. on Pattern Analysis and Machine Intelligence, 1998, 5 pages.	
		LEE, KEANSUB et al.; "Perception-Based Image Transcoding for Universal Multimedia Access" School of Electrical Engineering Korea University, Seoul Korea, 2001, IEEE, pp. 475-478.	
		T. LIN et al.; "Video Scene Extraction by Force Competition" IEEE Intl. Conference on Multimedia and Expo (ICME 001), Waseda University, Tokyo Japan, August 2001, 4 pages.	
		NIEBUR, E. et al.; "Computational Architectures for Attention" The Attentive Brain, Chapter 9, 1998, pages 163-186	
		SAHOO P.K. et al.; "Threshold Selection Using a Minimal Histogram Entropy Difference" Optical Engineering, v36 no7, July 1997, pages 1976-1981	
		TSOTSOS J. K. et al.; "Modeling Visual Attention Via Selective Tuning" Artificial Intelligence v78 1995 pgs 507-545	
		WOLFE J. M. et al.; "Deploying Visual Attention: The Guided Search Model" AI and the Eye, Chapter 4, 1990, pages 79-103	
↓		ZADEH L. A.; "Probability Measures of Fuzzy Events" Journal of Mathematical Analysis and Applications, 23, 1968, pgs 421-427	

Examiner Signature	/Sean Motsinger/	Date Considered	03/15/2007
--------------------	------------------	-----------------	------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Please type a plus sign (+) inside this box → +

+

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
Sheet 5 of 6		Application Number 10/676,519	Filing Date Sep 30, 2003
		First Named Inventor Ma	Group Art Unit 2621
		Examiner Name	Attorney Docket Number MS1-1640US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SM/		CHEN et al.; "A Visual Attention Model for Adapting Images on Small Displays" ACM Multimedia Systems Journal, 2003,	
		CHEN, JINLIN et al.; "Function-based Object Model Towards Website Adaptation" Proc. of the 10th Int. WWW Conf., 2001, pp. 1-21.	
		CHRISTOPOULOS, CHARILAOS et al.; "The JPEG2000 Still Image Coding System: An Overview" IEEE Transactions on Consumer Electronics, Vol. 46 No. 4, November 2000, pp. 1103-1127	
		GAMAZ et al.; "Robust Scene-Change Detection in MPEG Compressed Domain" Elec & Comp. Eng., 1998, pp. 95-99	
		GU et al.; "Dissolve Detection in MPEG Compressed Video" IEEE, 1997, pp. 1692-1696	
		HENG et al.; "Post Shot Boundary Detection Technique: Flashlight Scene Determination" University of Western Australia, 1999, pp. 447-450	
		LELESCU et al.; "Real-time Scene Change Detection on Compressed Multimedia Bitstream Based on Statistical Sequential Analysis" IEEE, 2000, pp. 1141-1144	
		MA et al.; "A User Attention Model for Video Summarization" Proceedings of ICIP, 2002	
		O'TOOLE; "An MPEG-1 Shot Boundary Detector Using XIL Colour Histograms" Dublin City University, 1998, pp. 1-7	
		YEO et al.; "Rapid Scene Analysis on Compressed Video" IEEE, 1995, pp. 533-544	
↓		YUSOFF et al.; "Video Shot Cut Detection Using Adaptive Thresholding" University of Surrey, 2000, pp. 1-10	

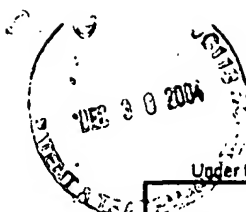
Examiner Signature	/Sean Motsinger/	Date Considered	03/15/2007
--------------------	------------------	-----------------	------------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Unique citation designation number. ³ Applicant is to place a check mark here if English language Translation is attached.


Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/676,519
		Filing Date	9/30/2003
		First Named Inventor	Ma
		Art Unit	2621
Sheet 1 of 2	Examiner Name		
	Attorney Docket Number	MS1-1640US	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ²	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ³ (if known)				
/SM/		US-	5,884,058	03/16/1999	Steele	
		US-	5,983,273	11/09/1999	White et al.	
		US-	6,186,735	12/28/2000	Dom et al.	
		US-	6,488,702	10/15/2002	Atkins et al.	
		US-	6,843,885	11/04/2003	Kimbell et al.	
		US-	2002/0166123	11/07/2002	Schrader et al.	
		US-	2004/0078383	04/22/2004	Mercer et al.	
		US-	2004/0040041	02/26/2004	Crawford	
		US-	2004/0078357	04/22/2004	LaChapelle et al.	
		US-	2004/0078382	04/22/2004	Mercer et al.	
			US-			
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ²	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	/Sean Motsinger/	Date Considered	03/15/2007
-----------------------	------------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 If possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Examiner Signature	/Sean Motsinger/	Date Considered	03/15/2007
-----------------------	------------------	--------------------	------------

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	10676519
	Filing Date	2003-09-30
	First Named Inventor	Yu-Fei Ma
	Art Unit	2621
	Examiner Name	
	Attorney Docket Number	MS1-1640US

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/SM/	1	5884056		1999-03-16	Steele	
/SM/2		6622134	B1	2003-09-16	Sorkin	
/SM/	3	6670963	B2	2003-12-30	Osberger	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S. PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS								
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵ .
	1							<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10676519
	Filing Date		2003-09-30
	First Named Inventor	Yu-Fei Ma	
	Art Unit	2621	
	Examiner Name		
	Attorney Docket Number	MS1-1640US	

If you wish to add additional Foreign Patent Document citation information please click the Add button			
NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
/SM/	1	Goncalves, "Towards a Learning Model for Feature Integration In Attention Control", retrieved on July 19, 2006 at <<http://ieeexplore.ieee.org/search/srchabstract.jsp?arnumber=1013553&isnumber=21824&pun>>, International Conference on Multisensor Fusion and Integration for Intelligent Systems, 20-22 August 2001, pp 311-316	<input type="checkbox"/>
/SM/	2	Osberger, et al., "An Automatic Image Quality Assessment Technique Incorporating Higher Level Perceptual Factors", retrieved on 19 July 2006, at <<http://ieeexplore.ieee.org/search/srchabstract.jsp?arnumber=727227&isnumber=15680&pun>>, International Conference on Image Processing, Vol 3, 4-7 October 1998, pp 414-418	<input type="checkbox"/>
If you wish to add additional non-patent literature document citation information please click the Add button			
EXAMINER SIGNATURE			
Examiner Signature	/Sean Motsinger/		Date Considered 03/15/2007
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			
<small> ¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached. </small>			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10676519
	Filing Date		2003-09-30
	First Named Inventor	Yu-Fei Ma	
	Art Unit	2621	
	Examiner Name		
	Attorney Docket Number	MS1-1640US	

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/SM/	1	6047085		2000-04-04	Sato, ; et al.	
/SM/	2	6100941		2000-08-08	Dimitrova, ; et al.	
/SM/	3	6714909		2004-03-30	Gibbon, ; et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/SM/	1	20030033347	A1	2003-02-13	Bolle, Rudolf M.; et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS							
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1						<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10676519
Filing Date	2003-09-30
First Named Inventor	Yu-Fei Ma
Art Unit	2621
Examiner Name	
Attorney Docket Number	MS1-1640US

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Sean Motsinger/	Date Considered	03/15/2007
--------------------	------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10676519
	Filing Date		2003-09-30
	First Named Inventor	Yu-Fai Ma	
	Art Unit	2621	
	Examiner Name		
	Attorney Docket Number	MS1-1640US	

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/SM/	1	20020157116	A1	2002-10-24	Jasinski, Radu Serban	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS								
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
/SM/	1	EP0597450			1994-05-18	MATSUSHITA ELECTRIC IND CO LTD (JP)		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	10676519
	Filing Date	2003-09-30
	First Named Inventor	Yu-Fei Ma
	Art Unit	2621
	Examiner Name	
	Attorney Docket Number	MS1-1640US

/SM/	1	Zhang et al., "A Hierarchical Organization Scheme for Video Data" Pattern Recognition, Elsevier, Kidlington, GB, vol. 35 no. 11, 11-2002, pp. 2381-2387	<input type="checkbox"/>
/SM/	2	"Advanced Digital Video Storage and On-line Retrieval System", Advisor Project, 06-30-2002, retrieved from the Internet: http://advisor.matras-tls.fr/DUP_workshop_sheet.pdf	<input type="checkbox"/>
/SM/	3	Bertini et al., "Indexing for Resue of TV News Shots" Pattern Recognition, Elsevier, Kidlington, GB, vol. 35, no. 3, March 2002, pp. 581-591	<input type="checkbox"/>
/SM/	4	Lee et al., "Automatic Video Parsing Using Shot Boundary Detection and Camera Operation Analysis" Pattern Recognition, Elsevier, Kidlington, GB, vol. 34, no. 3, March 2001, pp. 711-719	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Sean Motsinger/	Date Considered	03/15/2007
--------------------	------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10676519
Filing Date		2003-09-30
First Named Inventor	Yu-Fei Ma	
Art Unit	2621	
Examiner Name		
Attorney Docket Number	MS1-1640US	

U.S. PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/SM/		5497430		1996-03-05	Sadovnik, ; et al.	
/SM/	2	6232974		2001-05-15	Horvitz, ; et al.	
/SM/	3	6282317		2001-08-28	Luo, ; et al.	
/SM/	4	6292589		2001-09-18	Chow, ; et al.	
/SM/	5	6792144		2004-09-14	Yan, ; et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

U.S. PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
/SM/	1	20040068481	A1	2004-04-08	Seshadri, Praveen; et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10876519
Filing Date		2003-09-30
First Named Inventor	Yu-Fei Ma	
Art Unit	2621	
Examiner Name		
Attorney Docket Number	MS1-1640US	

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² ;	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature	/Sean Motsinger/	Date Considered	03/15/2007
--------------------	------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.